

WHAT IS CLAIMED IS:

1. A method for correcting programs in a computer system having a plurality of logical computers, said 5 method comprising the steps of:
copying programs and data under control of a first logical computer that is in operation from a first storage means assigned to said first logical computer to a second storage means;
10 activating a second logical computer that has been in standby mode by using said copied programs;
correcting said copied programs by using a correction program included in said copied program;
switching control of a network from said first 15 logical computer to said second logical computer; and
switching operation from said first logical computer to said second logical computer that uses said corrected programs.
2. A method for correcting programs according to 20 Claim 1, further comprising the steps of: collecting a log of update applied to said first storage means from which the programs and the data are copied in said copying step; and updating said second storage means to which the programs and the data are copied by using said log after 25 completion of said copying step.

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3. A method for correcting programs according to
Claim 1, further comprising the steps of: sending a
correction result of said copied programs from said second
logical computer to said first logical computer; and if it
5 is determined that the correction of said programs has
been finished normally, switching operation from said
first logical computer to said second logical computer
that uses said copied and corrected programs.

4. A method for correcting programs according to
10 Claim 1, further comprising the steps of: in said step of
switching control of said network, prohibiting acceptance
of external requests via said network; completing process
of the external requests that have been accepted
previously; altering a first network address of a first
15 network device under control of said first logical
computer to a second network address; and setting said
first network address as a network address of a second
network device under control of said second logical
computer.

20 5. A method for correcting programs according to
Claim 1, further comprising the steps of: when the first
network device under control of said first logical
computer that is in operation has the first network
address as own network address, in said step of switching
25 control of said network, setting said first network

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address as the network address of the second network device under control of said second logical computer; altering the network address of said first network device to the second network address; and in a packet that is transmitted externally via said network and that has said second network address as own source address, altering said source address to said first network address.

6. A program that allows a computer to implement the features of:

10 copying programs and data under control of a first logical computer that is in operation in a computer system having a plurality of logical computers from a first storage means assigned to said first logical computer to a second storage means;

15 activating a second logical computer that has been in standby mode by using said copied programs; correcting said copied programs by using a correction program included in said copied programs; switching control of a network from said first logical computer to said second logical computer; and switching operation from said first logical computer to said second logical computer that uses said corrected programs.

7. A program according to Claim 6 that allows the computer to further implement the features of: collecting

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a log of update applied to said first storage means from which the programs and the data are copied when said copying feature is implemented; and updating said second storage means to which the programs and the data are
5 copied by using said log after completion of said copying step.

8. A program according to Claim 6 that allows the computer to further implement the features of: sending a correction result of said copied programs from said second
10 logical computer to said first logical computer; and if it is determined that the correction of said programs has been finished normally, switching operation from said first logical computer to said second logical computer that uses said copied and corrected programs.

15 9. A program according to Claim 6 that allows the computer to further implement the features of: when switching said network, prohibiting acceptance of external requests via said network; completing process of the external requests that have been accepted previously;
20 altering a first network address of a first network device under control of said first logical computer to a second network address; and
25 setting said first network address as a network address of a second network device under control of said second logical computer.

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10. A program according to Claim 6 that allows the computer to further implement the features of: if the first network device under control of said first logical computer that is in operation has the first network
5 address as own network address, when switching said network, setting said first network address as the network address of the second network device under control of said second logical computer; altering the network address of said first network device to the second network address;
10 and in a packet that is transmitted externally via said network and that has said second network address as own source address, altering said source address to said first network address.

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